

WHAT IS CLAIMED IS:

1. A curable mold release composition comprising:
 - a) a non-volatile organic (non-VOC) carrier composition; and
 - b) a curable component comprising a combination of at least one cross-linker and at least one polyfunctional siloxane;

wherein said mold release composition when applied as a coating cures to a durability which permits at least five releases without transfer of mold release composition to a part.
2. The composition of claim 1, further comprising a volatile organic carrier in combination with said non-VOC carrier composition to form a low-volatile organic (low-VOC) carrier composition.
3. The composition of claim 1, wherein said curable component is selected from the group consisting of moisture curable; heat curable; and combinations thereof.
4. The composition of claim 1, having a gloss value of at least 80 as measured by a 60 degree gloss meter.
5. The composition of claim 4, having a durability when cured which permits at least five releases without measurable loss of said gloss value.
6. The composition of claim 1, wherein said non-VOC carrier composition comprises a compound selected from the group consisting of branched, linear or cyclic siloxanes having 2-6 silicon atoms; branched, linear or cyclic fluorinated alkanes; and combinations thereof.
7. The composition of claim 6, wherein said siloxane carrier comprises a completely methylated siloxane.
8. The composition of claim 6, wherein said siloxane carrier is selected from the group consisting of hexamethyldisiloxane, octamethyltrisiloxane, cyclotetrasiloxane,

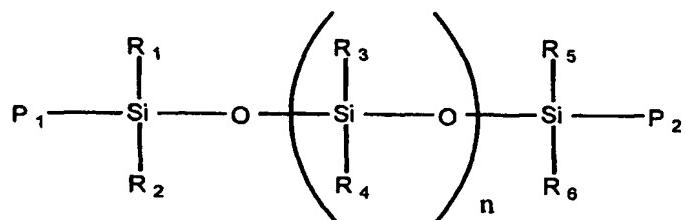
octamethylcyclotetrasiloxane, decamethyltetrasiloxane, decamethylcyclopentasiloxane and combinations thereof.

9. The composition of claim 1, wherein said non-VOC carrier composition is present in amounts of about 1% to about 99.8% by weight of the total composition.

10. The composition of claim 1, wherein said non-VOC carrier composition is present in amounts of about 90% to about 99.8% by weight of the total composition.

11. The composition of claim 6, wherein said siloxane carrier does not react with said curable component.

12. The composition of claim 1, wherein said polyfunctional siloxane is one or more compounds of the formula:



wherein R₁, R₂, R₃, R₄, R₅, and R₆ may be the same or different and may be alkyl, aromatic hydrocarbon, organoamine, fluorinated hydrocarbon, organo-alkoxy, hydro, organo-mercaptop, organo-chloro, organo-cyano, or allyl; P₁ and P₂ may be the same or different and may be alkyl, hydroxyl, hydro, allyl, carbinol, amino, acetoxy, alkoxy, enoxy, or oxime groups; and wherein n=0-100,000.

13. The composition of claim 1, wherein said polyfunctional siloxane is a hydroxy-terminated polydimethyl siloxane having an average molecular weight of about 200 to about 400,000.

14. The composition of claim 1, wherein said cross-linker is selected from the group consisting of a monomeric, cyclic, oligomeric or polymeric silazane; an amino-functional silazane; an enoxy-functional silazane; a silicon hydride; an alkoxy functional silane; a methylethylketoxime functional silane; an acetoxy functional silane; an enoxy functional silane; and combinations thereof.
15. The composition of claim 1, having a room temperature solvent evaporation range of about 0.01 to about 1,000,000.
16. The composition of claim 1, having a room temperature cure time range of about 2 minutes to about 48 hours.
17. The composition of claim 1, wherein said polyfunctional siloxane has a viscosity of about 50 to about 2,000,000 cps at room temperature.
18. The composition of claim 1, further including one or more materials selected from the group consisting of catalysts, dyes, cure modifying agents, fillers, viscosity modifying agents and combinations thereof.
19. The composition of claim 1, further including a moisture catalyst.
20. The composition of claim 1, being curable at room temperature.
21. A curable mold release composition comprising:
 - a) a carrier composition comprising a compound selected from the group consisting of branched, linear, or cyclic siloxanes having 2-6 silicon atoms; and
 - b) a curable composition comprising an amino-functional silazane and a polyfunctional siloxane, wherein said carrier is present in amounts of about 90% to about 99.8% by weight of the total composition.

22. A method of preparing a curable mold release composition comprising:
- a) providing a carrier composition; and
 - b) mixing the carrier composition with a curable composition comprising at least one cross-linker and at least one polyfunctional siloxane.
23. The method of claim 22, wherein the step of providing a carrier composition comprises providing a composition comprising a compound selected from the group consisting of branched, linear, or cyclic siloxanes having 2-6 silicon atoms; branched, linear or cyclic fluorinated alkanes; and combinations thereof.
24. A method of preparing a mold release coating comprising the steps of:
- a) applying a mold release composition comprising:
 - i) a carrier composition comprising a compound selected from the group consisting of branched, linear or cyclic siloxanes having 2-6 silicon atoms; branched, linear or cyclic fluorinated alkanes; and combinations thereof; and
 - ii) a curable component comprising a combination of at least one cross-linker and at least one polyfunctional siloxane; and
 - b) allowing the composition to cure.
25. The method of claim 24, wherein the step of allowing the composition to cure further comprises allowing the composition to cure to a high gloss finish of at least 80 as measured by a 60 degree gloss meter.